SONY

3-798-863-11(1)

Remote Control Unit

SVRM-100A

Operating Instructions page 3
Before operating the unit, please read this manual thoroughly and retain it for future reference.

Mode d'emploi page 12
Avant la mise en service de cet appareil, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.

Bedienungsanleitung Seite 21
Vor der Inbetriebnahm des Geräts lesen Sie diese Anleitung bitte sorgfältig durch, und bewahren Sie sie zum späteren Nachschlagen auf.

Istruzioni per l'uso pagina 30
Prima di usare l'apparecchio, leggere con attenzione questo manuale e conservarlo per riferimenti futuri.

取扱説明書 39ページ
お買い上げいただきありがとうございます。

お使いになる前に、この取扱説明書をお読みください。

お読みになったあとは、後日お役に立つこともありますので、必ず保存してください。

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WARNING

For customers in the U.S.A.
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

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General

The SVRM-100A remote control unit is designed to control a videocassette recorder or player. It can be connected to the following models: SVO-9500MD/9600/5800 (or SVO-9500MDP/9620/5800P), SVP-9000/5600 (or SVP-9020/5600P) and UVW-1800/1700G/1600/1400A/1400/1200 (or UVW-1800P/1700GP/1600P/1400AP/1400P/1200P). When used with one of these units, the SVRM-100A adds the following functions.

Index search (SVO-9500MD/9500MDP only)

Index markers can be written at any point on the tape during playback or recording. It is then possible to scan through the index markers looking for a required scene, or to cue up rapidly to an index marker specified by a count.

Jog/shuttle search

With the shuttle dial, the playback image can be viewed at –16 to +16 times normal speed as well as in still mode. With the jog dial, the playback image can be viewed at –2 to +2 times normal speed as well as in still mode.

Note

The speed ranges in jog and shuttle modes may depend on the type of recorder or player connected.

Freeze function (SVO-9500MD/9500MDP/5800/5800P and SVP-5600/5600P only)

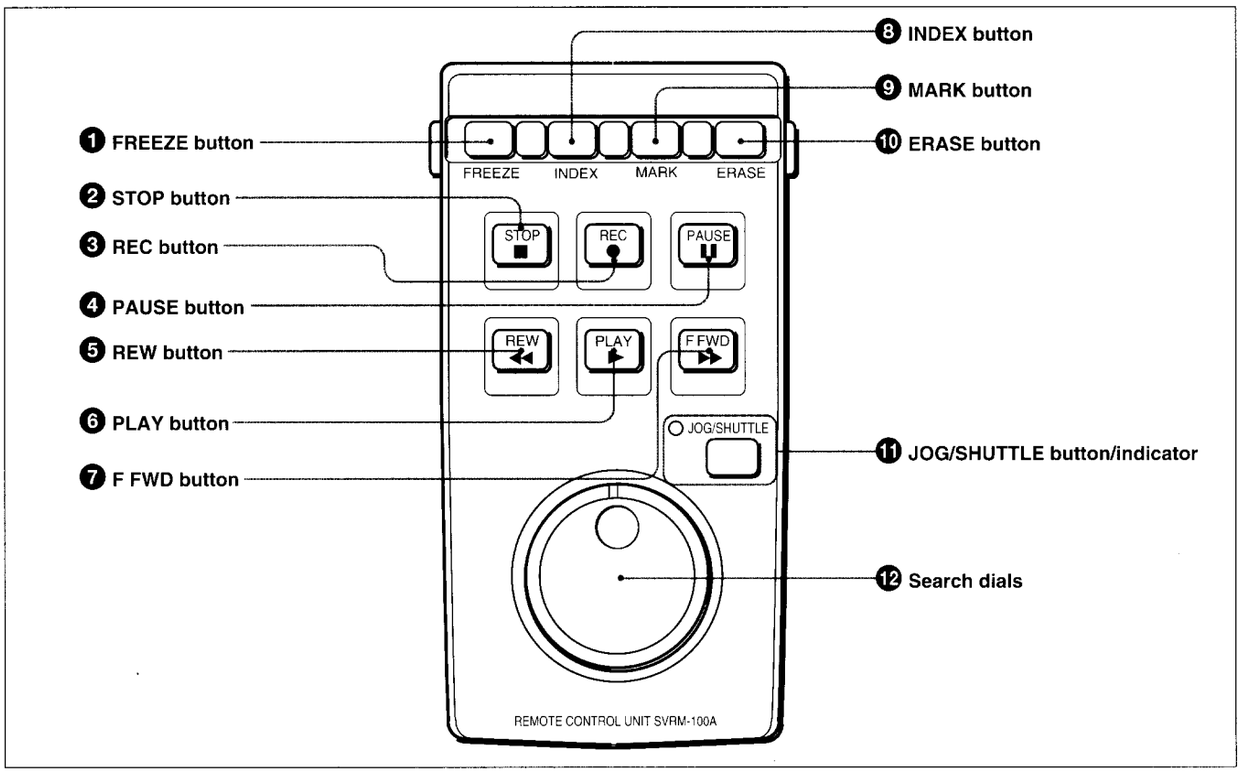
Pressing the FREEZE button during either jog/shuttle playback or normal playback allows you to display a freeze frame on the monitor.

Note

The function of the FREEZE button varies, depending on the type of recorder or player connected. For details see the explanation of the FREEZE button on the next page.

Parts Identification

Note that the effect of some controls on this unit may depend on the type of recorder or player connected.



❶ FREEZE button

The function varies, depending on the type of recorder or player connected.

Using an SVO-9500MD/9500MDP/5800/5800P or SVP-5600/5600P: Press to display a freeze frame.

When you use an SVO-9500MD/9500MDP, pressing this button cycles through the following functions: frame freeze, field 1 freeze, and field 2 freeze. If you press this button after displaying the image to be frozen as a still image either in jog/shuttle mode or by pausing, the SVO-9500MD/9500MDP carries out an automatic preroll, playback and freeze sequence. After capturing the freeze frame, the tape pauses.

When you use an SVO-5800/5800P or SVP-5600/5600P, pressing this button displays a field freeze.

Using a UVW-1400A/1400AP/1700G/1700GP:

Press to output an image to a video printer.

Press this button after displaying the image to be printed out as a still image in jog/shuttle mode or by pausing, and the UVW-1400A/1400AP/1700G/1700GP automatically carries out a preroll, playback and printer output sequence *(see page 10)*. Pressing this button during playback sends a copy of the instantaneous playback image to a video printer.

❷ STOP■button

Press to stop the tape.

❸ REC●(recording) button

For recording, press the PLAY▶button ❻ while holding down this button.

❹ PAUSE❚❚button
Press to stop the tape momentarily.

❺ REW◀◀(rewind) button
Press to rewind the tape.
In the index search function (SVO-9500MD/9500MDP), pressing this button winds back by a number of index markers corresponding to the number of times you pressed the INDEX button ❽ *(see page 8)*.

❻ PLAY▶button
Press to play the tape back.
Pressing the REC●button ❸ while holding down this button starts recording.

❼ F FWD▶▶(fast forward) button
Press to fast forward.
In the index search function (SVO-9500MD/9500MDP), pressing this button moves forward by a number of index markers corresponding to the number of times you pressed the INDEX button ❽ *(see page 8)*.

❽ INDEX button (for SVO-9500MD/9500MDP)
Press this button to initiate an index search operation. The SVO-9500MD/9500MDP enters the index scan mode, the INDEX indicator on the SVO-9500MD/9500MDP flashes, and the unit begins to scan through the index markers. If you press this button twice or more, the SVO-9500MD/9500MDP enters skip search mode and the INDEX indicator lights continuously. The unit then skips through the index markers, counting a number of markers corresponding to the number of times you pressed the button.

❾ MARK button (for SVO-9500MD/9500MDP)
Press to write an index marker on the tape.

❿ ERASE button (for SVO-9500MD/9500MDP)
Press to erase an index marker written on the tape.

⓫ JOG/SHUTTLE button/indicator
Press to play the tape in jog/shuttle mode. The indicator lights and the recorder or player enters jog/shuttle mode.
Press any tape transport button to return to the normal operating mode.

⓬ Search dials
Clockwise rotation plays the tape in the forward direction and the counterclockwise rotation plays it in the reverse direction.

Shuttle dial (outer): The speed of playback is determined by the position of the dial, in the range from –16 to +16 times normal speed. When the shuttle dial is in its center position, a still image is obtained.

Jog dial (inner): The speed of playback is determined by the speed of turning the dial, in the range from –2 to +2 times normal speed.

Note

The jog dial only operates when the shuttle dial is in its center position.

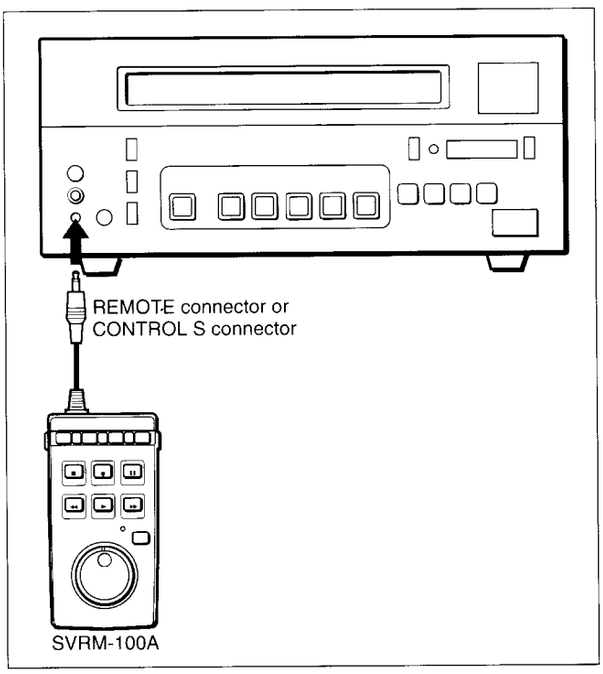
The speed ranges in jog and shuttle modes may depend on the type of recorder or player connected. Refer to the operating instructions for the recorder or player.

Connection

Connect this unit to the remote control unit connector of the recorder or player. The connector name depends on the recorder or player type, as show in the table below.

Videocassette recorder or player	Connector for remote control unit
SVO-9500MD/9600/5800 (or SVO-9500MDP/9620/5800P), SVP-9000/5600 (or SVP-9020/5600P)	REMOTE connector
UVW-1800/1700G/1600/1400A/1400/1200 (or UVW-1800P/1700GP/1600P/1400AP/1400P/1200P)	CONTROL S connector

Power is automatically supplied to this unit from the recorder or player.



Operation

The tape transport buttons of this unit function the same as those on the recorder or player. Recording, playback, fast forward, rewind and pause can be remotely controlled from this unit.

Index Search (for SVO-9500MD/9500MDP)

When the recorder is an SVO-9500MD/9500MDP, this function allows you to mark locations on a tape by writing index markers, then later to move rapidly to these locations.

Notes

- Set the PROGRAM switch on the SVO-9500MD/9500MDP to the OFF position.
- The index search function is only available when using this remote control unit.

Writing index markers

The index markers are represented on the tape by a VISS (VHS Index Search System) signal, recorded for about 2.1 seconds.
There are two modes for writing the markers: automatic and manual. The selection is made by a menu setting, and the automatic mode is the factory default.

For details of menu operation, refer to the SVO-9500MD/9500MDP operating instructions.

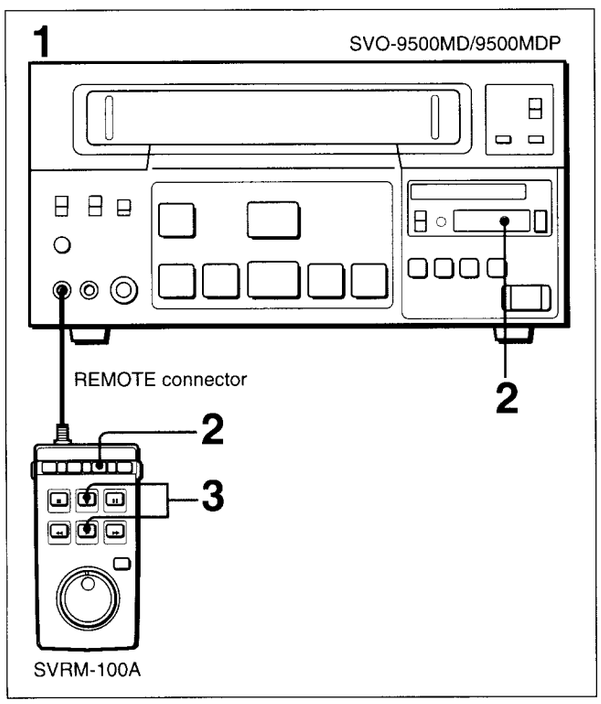
Notes on writing index markers

- Check that the cassette is not record-protected.
- You cannot write index markers on an unrecorded portion of the tape.
- Ensure that there is a gap of at least two or three minutes between successive markers. If they are too close together, this may lead to incorrect index operations.
- If you write a marker during playback, the playback sound is muted, but the recording on the tape is not affected.

Automatic mode

An index marker is written automatically each time you start recording from the stopped state.
If you merely pause recording, no index marker is written.

Manual mode



1 In the SVO-9500MD/9500MDP menus, select the manual mode for writing index markers.

To change the selection, refer to the SVO-9500MD/ 9500MDP operating instructions.

2 With the SVO-9500MD/9500MDP in the stopped or paused state, press the MARK button.
The MARK indicator on the SVO-9500MD/ 9500MDP lights, indicating that writing a marker is pending.

To cancel the selection

Carrying out any operation other than recording or playback cancels the selection.
The MARK indicator goes off.

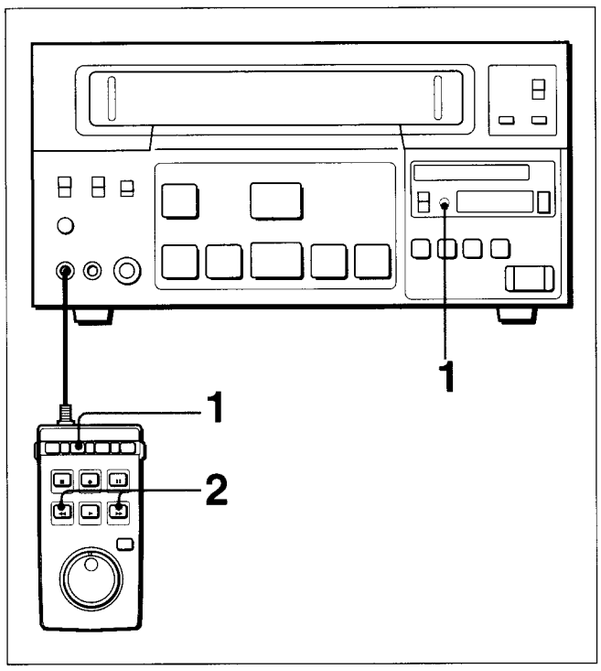
3 Start recording or playback.
The MARK indicator on the SVO-9500MD/ 9500MDP flashes for about 2.1 seconds while the marker is written.
When writing is completed, the MARK indicator goes off.

To write an index marker during recording or playback

Press the MARK button at the required point.
The MARK indicator on the SVO-9500MD/9500MDP flashes for about 2.1 seconds while the marker is written.
When writing is completed, the MARK indicator goes off.

Scanning for a desired index marker

This function scans through the tape, playing back a section from each index marker.



1 With the SVO-9500MD/9500MDP in the playback, stopped or paused state, press the INDEX button.
The INDEX indicator on the SVO-9500MD/9500MDP flashes.

2 **To scan back from the current position:** Press the REW button.
To scan forward from the current position: Press the F FWD button.
The SVO-9500MD/9500MDP scans through the tape, stopping at each index marker and playing back for approximately 10 seconds.

To stop the scan at a particular point

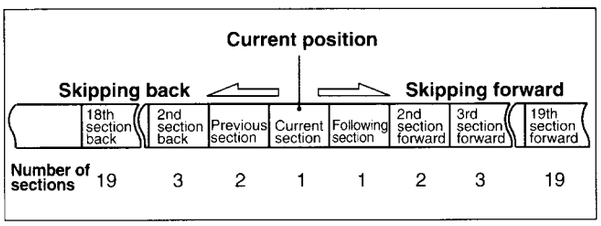
Press any tape transport button other than F FWD or REW.
The scan ends, and the INDEX indicator on the SVO-9500MD/9500MDP goes off.

When a scan reaches the beginning or end of the tape, the SVO-9500MD/9500MDP automatically ends the scan.

Skipping to a desired index marker

This function moves the tape directly to an index marker specified by count.

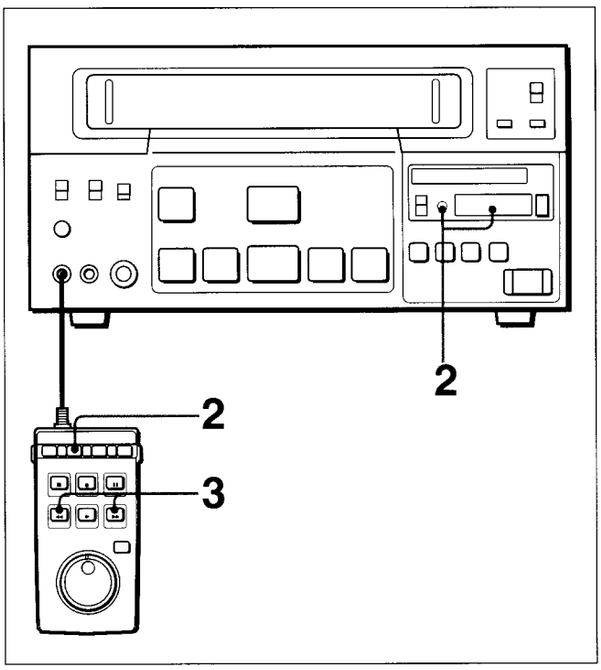
1 Count the number of index sections between the current position and the desired index marker in the following way.
To skip back from the current position: Count the current section as 1. For example, the second section back is counted as 3.
To skip forward from the current position: Count the following section as 1. For example, the second section forward is counted as 2.



You can specify a skip count of 2 to 39.

Note

To move to the immediately previous or following index marker, use the index scan function.



2 With the SVO-9500MD/9500MDP in playback, stopped or paused, press the INDEX button the number of times corresponding to the number specified in step **1**.
The INDEX indicator on the SVO-9500MD/9500MDP lights continuously, and the skip count appears in the time counter display.

3 **To skip back from the current position:** Press the REW button.
To skip forward from the current position: Press the F FWD button.
The SVO-9500MD/9500MDP scans through the tape, and each time it detects an index marker, the count is reduced by one. When the count reaches zero, playback begins.

To stop the skip operation

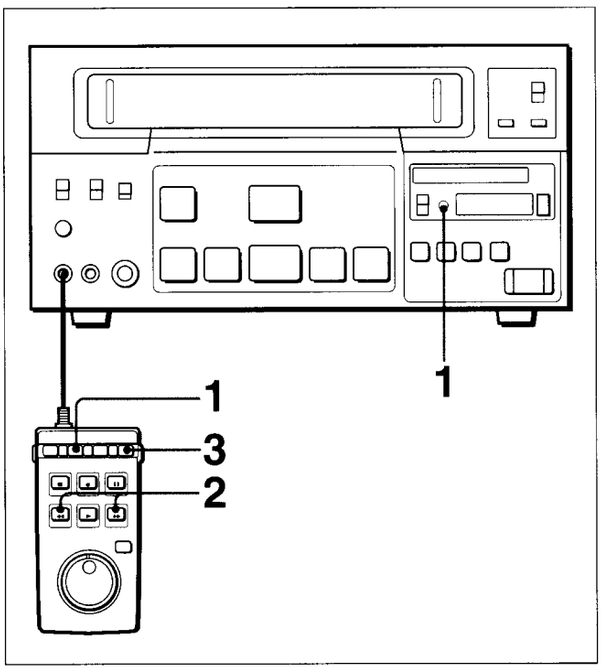
Press any tape transport button other than F FWD or REW.
The skip operation ends, and the INDEX indicator on the SVO-9500MD/9500MDP goes off.

The SVO-9500MD/9500MDP automatically ends the skip operation at the beginning or end of the tape.

Erasing unwanted index markers

Notes

- Check that the cassette is not record-protected.
- If you erase a marker during playback, the playback sound is muted, but the recording on the tape is not affected.



1 With the SVO-9500MD/9500MDP in playback, stopped or paused state, press the INDEX button.
The INDEX indicator on the SVO-9500MD/9500MDP flashes.

2 **To erase an index marker before the current position:** Press the REW button,
To erase an index marker after the current position: Press the F FWD button.
The SVO-9500MD/9500MDP scans through the tape, and starts playback at an index marker.

3 Check the playback video, and press the ERASE button to erase the index marker.
This erases the index marker, and then the scan continues.

Jog/Shuttle Search

Using the search dials, a search operation can be performed in either jog or shuttle mode.

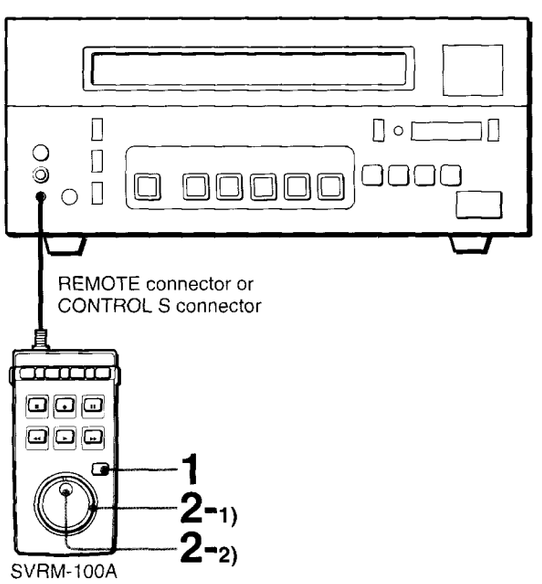
Jog mode: The speed of playback is determined by the speed of turning the jog dial, in the range from –2 to +2 times normal speed.

Shuttle mode: The speed of playback is determined by the position of the shuttle dial, in the range from –16 to +16 times normal speed. When the shuttle dial is in its center position, a still image is obtained.

The speed ranges in jog and shuttle modes may depend on the type of recorder or player connected. Refer to the operating instructions for the recorder or player.

Note

When operating immediately after the power is turned on, be sure to first return the shuttle dial to its center position.



1 Press the JOG/SHUTTLE button to activate jog/shuttle mode.
The JOG/SHUTTLE indicator lights.

2 **To search in jog mode**

1) Set the shuttle dial to the center still position.

2) Turn the jog dial.
Each time you turn the jog dial by a discrete amount, this jogs the playback one frame at a time, either forward or backward.

To search in shuttle mode

Turn the shuttle dial.
A playback image appears at the speed according to the angle of the dial rotation. When the dial is set at the center click position, the tape stops and still image is obtained.

To exit from jog/shuttle mode

Press any tape transport button.
The JOG/SHUTTLE indicator goes off, and the recorder or player changes to the operation corresponding to the pressed button.

Triggering a Video Printer (for UVW-1400A/1400AP/1700G/1700GP)

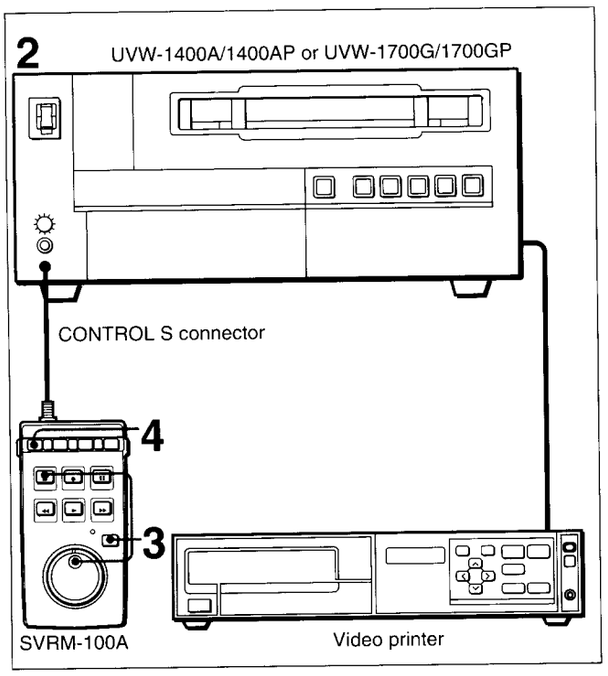
Connecting this unit to a UVW-1400A/1400AP/1700G/1700GP provides simple remote control of output of a trigger signal to a Sony UP-5000/7000-series or other video printer.

Note

The video printer trigger function is only available when using this remote control unit.

1 Connect the UVW-1400A/1400AP/1700G/1700GP to the printer, monitor and so forth. Connect the REMOTE OUT connector to the REMOTE 2 connector on the printer, using an RK-G34 cable (not supplied).

For details of the basic connections between the UVW-1400A/1400AP/1700G/1700GP and the printer, refer to the operating instructions for the printer.



2 Set the output timing on the UVW-1400A/1400AP/1700G/1700GP, depending on the type of printer connected.

For details of the output timing settings, refer to the operating instructions for the UVW-1400A/1400AP or UVW-1700G/1700GP.

3 Display the required frame as a still image in jog/shuttle mode (see the previous section "Jog/Shuttle Search") or by pausing.

4 Press the FREEZE button.
The UVW-1400A/1400AP/1700G/1700GP carries out a preroll and playback sequence, and outputs the specified frame to the video printer. When the output is completed, playback pauses a little after the specified frame.

To trigger a video printer during playback

1 Carry out step **1** in the preceding procedure.

2 Start playback.

3 At the frame to be printed, press the FREEZE button.
This outputs the current image to the video printer. When the output is completed, playback pauses a little after the specified frame.

Specifications

Remote control Stereo mini-plug (with attached cable, length 3 m (10 ft))

Power requirements
+5 V DC (supplied from the connected recorder or player)

Power consumption
50 mW

Storage temperature
–20°C to +60°C (–4°F to +140°F)

Operating temperature
5°C to 40°C (41°F to 104°F)

Dimensions (w/h/d)
90 × 39 × 182 mm
($3^5/_8 \times 1^9/_{16} \times 7^1/_4$ inches)
not including the interface cable

Mass Approx. 250 g (9 oz)

Supplied accessories
Operating instructions (1)

Design and specifications are subject to change without notice.